

# Substitute SEQUENCE LISTING



1,0290

HS

<110> Kwon, Byoung

<120> NEW RECEPTOR AND RELATED PRODUCTS AND METHODS

<130> 740.013US2

<140> 08/955,572

<141> 1997-10-22

<150> 08/461,652

<151> 1995-06-05

<150> 08/122,796

<151> 1993-09-03

<160> 12

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 838

<212> DNA

<213> Homo sapiens

<400> 1

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ttgtagtaac	tgcccagctg	gtacattctg	tgataataac	aggaatcaga	tttgcagtcc	180
ctgtcctcca	aatagtttct	ccagcgcagg	tgacaaaagg	acctgtgaca	tatgcaggca	240
gtgtaaaggt	gttttcagga	ccaggaagga	gtgttcctcc	accagcaatg	cagagtgtga	300
ctgcactcca	gggttttact	gcctgggggc	aggatgcagc	atgtgtgaac	aggattgtaa	360
acaaggtcaa	gaactgacaa	aaaaaggttg	taaagactgt	tgctttggga	catttaacga	420
tcagaaacgt	ggcatctgtc	gaccctggac	aaactgttct	ttggatggaa	agtctgtgct	480
tgtgaatggg	acgaaggaga	gggacgtggg	ctgtggacca	tctccagctg	acctctctcc	540
gggagcatcc	tctgtgacct	cgcctgcccc	tgcgagagag	ccaggacact	ctccgcagat	600
catctccttc	tttcttgccg	tgacgtcgac	tgcggttgctc	ttcctgctgt	tcttcctcac	660
gctccgtttc	tctgttggtt	aacggggcag	aaagaaactc	ctgtatatat	tcaaacaacc	720
atztatgaga	ccagtacaaa	ctactcaaga	ggaagatggc	tgtagctgcc	gatttccaga	780
agaagaagaa	ggaggatgtg	aactgtgaaa	tggaagtcaa	tagggctgtt	gggacttt	838

<210> 2

<211> 255

<212> PRT

<213> Homo sapiens

<400> 2

Met	Gly	Asn	Ser	Cys	Tyr	Asn	Ile	Val	Ala	Thr	Leu	Leu	Leu	Val	Leu
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Asn	Phe	Glu	Arg	Thr	Arg	Ser	Leu	Gln	Asp	Pro	Cys	Ser	Asn	Cys	Pro
			20					25					30		
Ala	Gly	Thr	Phe	Cys	Asp	Asn	Asn	Arg	Asn	Gln	Ile	Cys	Ser	Pro	Cys
			35				40					45			
Pro	Pro	Asn	Ser	Phe	Ser	Ser	Ala	Gly	Gly	Gln	Arg	Thr	Cys	Asp	Ile
		50				55				60					
Cys	Arg	Gln	Cys	Lys	Gly	Val	Phe	Arg	Thr	Arg	Lys	Glu	Cys	Ser	Ser
65					70				75					80	
Thr	Ser	Asn	Ala	Glu	Cys	Asp	Cys	Thr	Pro	Gly	Phe	His	Cys	Leu	Gly

				85					90					95			
Ala	Gly	Cys	Ser	Met	Cys	Glu	Gln	Asp	Cys	Lys	Gln	Gly	Gln	Glu	Leu		
			100					105					110				
Thr	Lys	Lys	Gly	Cys	Lys	Asp	Cys	Cys	Phe	Gly	Thr	Phe	Asn	Asp	Gln		
		115					120					125					
Lys	Arg	Gly	Ile	Cys	Arg	Pro	Trp	Thr	Asn	Cys	Ser	Leu	Asp	Gly	Lys		
	130					135					140						
Ser	Val	Leu	Val	Asn	Gly	Thr	Lys	Glu	Arg	Asp	Val	Val	Cys	Gly	Pro		
145				150						155					160		
Ser	Pro	Ala	Asp	Leu	Ser	Pro	Gly	Ala	Ser	Ser	Val	Thr	Pro	Pro	Ala		
			165					170					175				
Pro	Ala	Arg	Glu	Pro	Gly	His	Ser	Pro	Gln	Ile	Ile	Ser	Phe	Phe	Leu		
		180					185						190				
Ala	Leu	Thr	Ser	Thr	Ala	Leu	Leu	Phe	Leu	Leu	Phe	Phe	Leu	Thr	Leu		
	195					200					205						
Arg	Phe	Ser	Val	Val	Lys	Arg	Gly	Arg	Lys	Lys	Leu	Leu	Tyr	Ile	Phe		
	210				215						220						
Lys	Gln	Pro	Phe	Met	Arg	Pro	Val	Gln	Thr	Thr	Gln	Glu	Glu	Asp	Gly		
225				230				235						240			
Cys	Ser	Cys	Arg	Phe	Pro	Glu	Glu	Glu	Gly	Gly	Cys	Glu	Leu				
			245					250					255				

<210> 3  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 3  
 ttytgymgaa artayaaycc 20

HS

<210> 4  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 4  
 ttytcstsca htggtggaca 20

<210> 5  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 5  
 cccargswrc aggtyttrca 20

<210> 6  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 6  
 ttytgrtcrtr traatgttcc 20

<210> 7  
 <211> 25  
 <212> DNA  
 <213> Homo sapiens

<400> 7  
 aataagcttt gctagtatca tacct 25

<210> 8  
<211> 30  
<212> DNA  
<213> Homo sapiens

<400> 8  
ttaagatctc tgcggagagt gtcctggctc

30

<210> 9  
<211> 2350  
<212> DNA  
<213> Mus musculus

<220>  
<221> unsure  
<222> (1253)...(1255)  
<223> (a or g or c or t/u)

<400> 9

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ctacaccagg aaaaggacac attcgacaac aggaaaggag cctgtcacag aaaaccacag 120  
tgtcctgtgc atgtgacatt tcgccatggg aaacaactgt tacaacgtgg tggtcattgt 180  
gctgctgcta gtgggctgtg agaagggtgg agccgtgcag aactcctgtg ataactgtca 240  
gcctggtact ttctgcagaa aatacaatcc agtctgcaag agctgccctc caagtacctt 300  
ctccagcata ggtggacagc cgaactgtaa catctgcaga gtgtgtgcag gctatttcag 360  
gttcaagaag ttttgctcct ctaccacaa cgcgagtggt gagtgcattg aaggattcca 420  
ttgcttgggg ccacagtgc cagatgtga aaaggactgc aggcctggcc aggagctaac 480  
gaagcagggt tgcaaaacct gtagcttggg aacatttaat gaccagaacg gtactggcgt 540  
ctgtcgaccc tggacgaact gctctctaga cggaaggctc gtgcttaaga ccgggaccac 600  
ggagaaggac gtggtgtgtg gacccctgtt ggtgagcttc tctcccagta ccaccatttc 660  
tgtgactcca gagggaggac caggagggca ctcttgcag gtccttacct tgttcctggc 720  
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atggatcagg aaaaaattcc ccacatatt caagcaacca tttagaaga ccactggagc 840  
agctcaagag gaagatgctt gtagctgccg atgtccacag gaagaagaag gaggaggagg 900  
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ggacccacc atcctgtgga acagcacaag caacccacc accctgttct tacacatcat 1020  
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tttactttt ttaaattctt ttttaaattt aaattttatg tgtgtgagt ttttgcctgc 1140  
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atctcacaag tttcgtccgg gctcggcgga cctatggcgt cgatccttat taccttatcc 1980  
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ctttcgtaaa cggttcttac aaaagtaatt agttcttgc ttcagcctcc aagcttctgc 2160  
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agggtactgg gcggcccgct gaaggccctt tggtttcaga aaccaaggc cccctcata 2280  
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atagttagac 2350

<210> 10

<211> 256  
 <212> PRT  
 <213> Mus musculus

<400> 10

Met Gly Asn Asn Cys Tyr Asn Val Val Val Ile Val Leu Leu Leu Val  
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 Pro Gly Thr Phe Cys Arg Lys Tyr Asn Pro Val Cys Lys Ser Cys Pro  
 35 40 45  
 Pro Ser Thr Phe Ser Ser Ile Gly Gly Gln Pro Asn Cys Asn Ile Cys  
 50 55 60  
 Arg Val Cys Ala Gly Tyr Phe Arg Phe Lys Lys Phe Cys Ser Ser Thr  
 65 70 75 80  
 His Asn Ala Glu Cys Glu Cys Ile Glu Gly Phe His Cys Leu Gly Pro  
 85 90 95  
 Gln Cys Thr Arg Cys Glu Lys Asp Cys Arg Pro Gly Gln Glu Leu Thr  
 100 105 110  
 Lys Gln Gly Cys Lys Thr Cys Ser Leu Gly Thr Phe Asn Asp Gln Asn  
 115 120 125  
 Gly Thr Gly Val Cys Arg Pro Trp Thr Asn Cys Ser Leu Asp Gly Arg  
 130 135 140  
 Ser Val Leu Lys Thr Gly Thr Thr Glu Lys Asp Val Val Cys Gly Pro  
 145 150 155 160  
 Pro Val Val Ser Phe Ser Pro Ser Thr Thr Ile Ser Val Thr Pro Glu  
 165 170 175  
 Gly Gly Pro Gly Gly His Ser Leu Gln Val Leu Thr Leu Phe Leu Ala  
 180 185 190  
 Leu Thr Ser Ala Leu Leu Leu Ala Leu Ile Phe Ile Thr Leu Leu Phe  
 195 200 205  
 Ser Val Leu Lys Trp Ile Arg Lys Lys Phe Pro His Ile Phe Lys Gln  
 210 215 220  
 Pro Phe Lys Lys Thr Thr Gly Ala Ala Gln Glu Glu Asp Ala Cys Ser  
 225 230 235 240  
 Cys Arg Cys Pro Gln Glu Glu Glu Gly Gly Gly Gly Tyr Glu Leu  
 245 250 255

<210> 11  
 <211> 24  
 <212> PRT  
 <213> Homo sapiens

<220>

<221> ZN\_FING

<222> 2...3, 5...13, 15...17, 19...21, 23

<223> Putative zinc finger structure

<400> 11

Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa  
 1 5 10 15  
 Xaa His Xaa Xaa Xaa Cys Xaa Cys  
 20

<210> 12  
 <211> 12  
 <212> PRT  
 <213> Homo sapiens

<400> 12

32

4

115

Leu Gln Asp Pro Cys Ser Asn Cys Pro Ala Gly Thr  
1 5 10